

REMARKS

Claims 19-36 are pending in the application. Claims 19-23, and 31-34 have been amended.

Applicant believes that this response addresses the Examiner's rejection and that any changes do not introduce new matter into the specification, limit the scope of the claims or result in any prosecution history estoppel.

Claim Discussion – 35 USC §112

Claims 19, 31 and 34 have been amended to clarify the relationship between the cache and the binner and renderer, the relationship of the cache when viewed by the binner and the references to renderer.

Claim Discussion – 35 USC §102

The Examiner rejected claims 19, 22-26, 31 and 34 under 35 U.S.C. §102(e) as being anticipated by Arenburg et al. (U.S. Patent No. 6,191,800).

Applicant respectfully traverses the Examiner's rejection. In particular, Arenburg fails to teach or suggest "a method to balance workloads associated with a binner and renderer in a sequential rendering process" as claimed or similarly claimed. Arenburg is based on multiple concurrent rendering processes. In particular, the tiling approach in Arenburg treats these processes as symmetric and parallel. This is in contrast from the claimed invention which optimizes workloads from sequential (as opposed to parallel) workloads.

Claim Discussion – 35 USC §103

The Examiner rejected claims 20-21 and 32-33 under 35 U.S.C. §103(a) as being unpatentable over Arenburg et al.

CONCLUSION

In view of the foregoing, it is respectfully asserted that all of the claims pending in this patent application are in condition for allowance.

The required fee for a two month extension of time is enclosed. No additional fees are required for additional claims. Should it be determined that an additional fee is due under 37 CFR §§1.16 or 1.17, or any excess fee has been received, please charge that fee or credit the amount of overcharge to deposit account #02-2666.

If the Examiner has any questions, he is invited to contact the undersigned at (323) 654-8218. Reconsideration of this patent application and early allowance of all the claims is respectfully requested.

Respectfully submitted,

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Dated: August 14, 2006

By


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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450 on August 14, 2006.


Margaux Rodriguez

August 14, 2006